

WHAT IS CLAIMED IS:

- 1 1. A method of providing information to a display system user,
2 comprising:
3 providing a first image on a first display;
4 detecting the location of a second display relative to the first
5 display;
6 providing data to the second display based on the detected
7 location of the second display;
8 generating a second image on the second display, with the
9 second image generated from the data provided to the second display to
10 provide at least one of enhanced display of a portion of the first image,
11 solicitation for input, and additional output not provided in the first image.
- 1 2. The method of claim 1, further comprising:
2 transmitting data representative of the detected location of the
3 second display to a processing device.
- 1 3. The method of claim 1, further comprising:
2 transmitting second display data from the processing device to
3 the second display device.
- 1 4. The method of claim 1, further comprising:
2 receiving input from a user, by the second display.
- 1 5. The method of claim 1, further comprising:
2 extracting embedded information based on the location of the
3 second display.
- 1 6. The method of claim 1, further comprising:
2 providing tactile feedback to a user of the second display.
- 1 7. The method of claim 6, wherein tactile feedback includes
2 providing device deformation using electronic muscle.

1 8. A moveable output device configured for movement across a
2 primary display surface, the primary display being in communication with a
3 processing device, comprising:

4 a device housing supporting at least one of a visual display, an
5 audio device, and a tactile feedback device, the device housing supporting a
6 processor; and

7 a wireless communications device receiving output data from
8 the processing device, the output data being based on location data from a
9 location sensor sensing the relative location of the device housing and the
10 primary display surface, the output device generating an output based on the
11 output data;

12 wherein a user of the output device receives an enhanced
13 output as compared with the primary display output.

1 9. The moveable output device of claim 3, wherein the enhanced
2 output includes enhanced textual information.

1 10. The moveable output device of claim 3, wherein the enhanced
2 output includes enhanced graphics information.

1 11. The moveable output device of claim 8, wherein the enhanced
2 output includes enhanced color.

1 12. The moveable output device of claim 8, wherein the enhanced
2 output includes input options provided to a user.

1 13. The moveable output device of claim 8, wherein the enhanced
2 output includes tactile feedback provided to the user.

1 14. The moveable output device of claim 8, wherein the enhanced
2 output includes audio information.

1 15. The moveable output device of claim 8, wherein the enhanced
2 output includes video information.